



PATENT
Attorney Docket No. DIVER1280-6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Short et al. Art Unit: 1639
Serial No.: 09/738,871 Examiner: Epperson, J.D.
Filed: December 14, 2000
Title: HIGH THROUGHPUT SCREENING FOR A BIOACTIVITY OR
BIOMOLECULE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449. These references having been provided in priority documents, copies are not submitted herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

01/28/2004 SDENBOB1 00000064 09738871

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CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on January 21, 2004, in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

Cara Grifone
Cara Grifone

1/21/04

In re Application of:
Short et al.
Serial No.: 09/738,871
Filed: December 14, 2000
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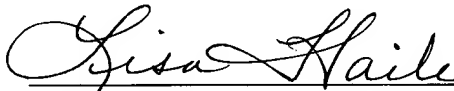
PATENT
Attorney Docket No. DIVER1280-6

This Information Disclosure Statement is being filed prior to the receipt of a Final Office Action on the merits. Therefore, a check in the amount of \$180.00 is enclosed to over the fee in connection with this filing. If any additional fee is required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 50-1355.

Respectfully submitted,

Date: _____

1/21/04



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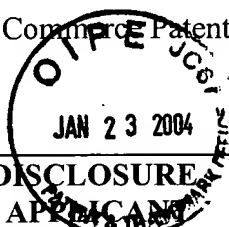
FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. DIVER1280-6	Serial No.: 09/738,871
	Applicant(s): Short et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 14, 2000	Group Art Unit: 1639

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	4,276,048	06/30/1981	D. Leaback			
	AB	4,621,059	11/04/1986	K. Rokugawa			
	AC	5,584,982	12/17/1996	N. Dovichi et al.			
	AD	5,675,155	10/07/1997	S. Pentoney, Jr. et al.			
	AE	5,741,411	04/21/1998	E. Yeung et al.			
	AF	5,763,263	06/09/1998	P. Dehlinger et al.			
	AG	5,790,727	08/04/1998	H. Dhadwal et al.			
	AH	5,833,827	11/10/1998	T. Anazawa et al.			
	AI	5,843,767	12/01/1998	K. Beattie			
	AJ	5,938,908	08/17/1999	T. Anazawa et al.			
	AK	6,048,444	04/11/2000	S. Takahashi et al.			
	AL	6,054,032	04/25/2000	L. Haddad et al.			
	AM	6,083,763	07/04/2000	W. Balch			
	AN	6,086,740	07/11/2000	C. Kennedy			
	AO	6,086,825	07/11/2000	S. Sundberg et al.			
	AP	6,090,251	07/18/2000	S. Sundberg et al.			

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office 	Docket No. DIVER1280-3	Serial No.: 09/738,871
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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
	AQ	WO 90/14590	11/29/1990	PCT			
	AR	WO 98/04920	02/05/1998	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

		None

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. DIVER1280-6	Serial No.: 09/738,871
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U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	5,274,240	12/28/93	Mathies et al.			02/24/92
	AB	5,670,113	09/23/97	Akong et al.			06/20/94

FOREIGN PATENT DOCUMENTS

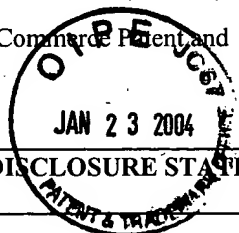
EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
	AC	WO 97 45730A1	12/04/97	PCT			
	AD	WO 98 28075A1	07/02/98	PCT			
	AE	WO 98 38490A1	09/03/98	PCT			
	AF	WO 99 39191A1	09/05/99	PCT			
	AG	WO 99 49294A2	09/30/99	PCT			

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. DIVER1280-6 Applicants: Short and Keller	Serial No.: 09/738,871
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 14, 2000	Group Art Unit: 1639



U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	US 6,391,576 B1	5/21/02	Tsuchida et al.			

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

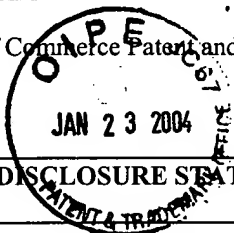
AA	Cullis, Paul M. et al., "Exploiting Nucleotide Thiophosphates To Probe Mechanistic Aspects of Escherichia coli DNA Gyrase," <i>Biochemistry</i> , Vol. 36, 1997, pgs.6059-6068.
AB	Huschtscha, Lily I. Et al., "A Rapid Micro Method for Counting Cells "In Situ" Using A Fluorogenic Alkaline Phosphatase Enzyme Assay," <i>In Vitro Cellular & Developmental Biology</i> , Vol. 25, No. 1 January 1989, pgs. 105-108.
AC	Manafi, Mohammed et al., "Fluorogenic and Chromogenic Substartes Used in Bacterial Diagnostics," <i>Microbiological Reviews</i> , Vol. 55, No. 3, September 1991, pgs. 335-348.
AD	Rotman, Boris et al., "Fluorogenic Substrates for β -D-Galactosidases and Phosphatases Derived from Fluorescein (3, 6-Dihydroxyfluoran) and Its Monomethyl Ether," <i>National Acadamy of Sciences</i> , Vol. 50, No. 1., July 15, 1963, pgs. 1-6.

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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
	AA	WO 99/49315	09/30/1999	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

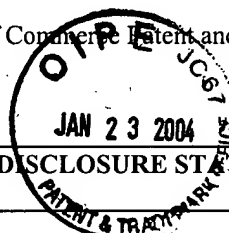
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Form 1449

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. DIVER1280-6	Serial No.: 09/738,871
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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
	AA	WO 96/34112	31.10.96	PCT			
	AB	WO 97/04077	06.02.97	PCT			
	AC	WO 97/20078	05.06.97	PCT			
	AD	WO 97/48717	24.12.97	PCT			

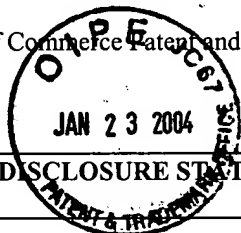
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	AE	Roessner et al., "Fluorescence-Based Method for Selection of Recombinant Plasmids," <i>BioTechniques</i> , 19:760-764, November 1995
	AF	Wittrup et al., "Microencapsulation Selection for Isolation of Yeast Mutants with Increased Secretion of <i>Aspergillus awamori</i> Glucoamylase," <i>Biotechnology and Bioengineering</i> , 42(3):351-356, July 1993

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	AA	WO 96/34112	31.10.96	PCT		
	AB	WO 97/04077	06.02.97	PCT		
	AC	WO 97/20078	05.06.97	PCT		
	AD	WO 97/48717	24.12.97	PCT		

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AE	Roessner et al., "Fluorescence-Based Method for Selection of Recombinant Plasmids," <i>BioTechniques</i> , 19:760-764, November 1995
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	AA	6,090,251	07/18/00	Sundberg et al.			
	AB	6,086,825	07/11/00	Sundberg et al.			
	AC	6,086,740	07/11/00	Kennedy			
	AD	6,083,763	07/04/00	Balch			
	AE	6,054,032	04/25/00	Haddad et al.			
	AF	6,048,444	04/11/00	Takahashi et al.			
	AC	6,027,873	02/22/00	Schellenberger et al.			
	AH	5,938,908	08/17/99	Anazawa et al.			
	AI	5,843,767	12/01/98	Beattie			
	AJ	5,833,827	11/10/98	Anazawa et al.			
	AK	5,790,727	08/04/98	Dhadwal et al.			
	AL	5,763,263	06/09/98	Dehlinger			
	AM	5,741,411	04/21/98	Yeung et al.			
	AN	5,675,155	10/07/97	Pentoney Jr. et al.			
	AO	5,584,982	12/17/96	Dovich et al.			
	AP	4,621,059	11/04/86	Rokugawa			
	AQ	4,276,048	06/30/81	Leaback			

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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
	AR	WO 99/34920	15.07.99	PCT			
	AS	WO 98/04920	05.02.98	PCT			
	AT	WO 90/14590	29.11.90	PCT			

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